

MEMORANDUM.

UTAH DEPARTMENT OF TRANSPORTATION

DATE: November 6, 2003

TO : Those on the attached list

FROM : Howard J. Anderson, P.E.
Engineer For Pavements

SUBJECT: Utah Pavement Council

Date: November 19, 2003
Location: UDOT Complex, Large Conference Room, First Floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The next Utah Pavement Council meeting is scheduled as shown above.

Personal Note:

I have accepted the assignment to work with UTA as the UDOT Project Manager for the Commuter Rail Project from Ogden to Salt Lake City, scheduled to be completed in 2007. This is an exciting project, the first in Utah for a high speed (80-90 mph) full size train, on dedicated all new tracks within the old Union Pacific Railroad corridor, that will eventually run from Brigham City to Payson. I have also been asked to lead Project Development in the PEQIT Implementation effort. For those that may not know, it stands for Performance Evaluation Quality Improvement Team. As part of our commitment to the Legislature this year UDOT has participated in this effort. Our Executive Director presented this report last month and now has given UDOT the charge to implement the recommendations.

Bill Lawrence, our Concrete Engineer, has been assigned as the new chair for the Utah Pavement Council. His phone number is (801) 965-4560. Please contact him with your agenda items for the November 19th meeting. I have enjoyed working with each of you and I'm convinced the Pavement Council will continue to be a valuable organization to bring together the Industry and Agency side of our pavements as we continue to work together to solve problems and implement new and better technologies.

Attendance September 17th:

Mohammad Rahman, Cameron Petersen, Murari Pradhan, Tim Biel, Rodney Terry, Todd Laker, Scott Andrus, Todd Emery, Spencer Guthrie, Frank Mayfield, Karl Verhaeren, Joe Johnson, Stephane Charmot, and Howard Anderson.

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Notes from September 17, 2003 Meeting:

1. **Welcome** - Howard Anderson, the notes were approved from last time with no changes.
2. **Follow up on Revision of an Updated Bonded Wearing Course Specification** - Stephane Charmot. Stephane went over the specification and the group provided some comments: T 312 should be used instead of TP4 for the Gyratory Test Procedure; the smoothness section was removed; a discussion on whether we should check smoothness before and after the treatment took place. The Bonded Wearing Course (Nova Chip) is just 3/4 of an inch thick. It was discussed that we may want to treat the layer the same way we do an Open Graded Surface Coarse. It was also discussed that taking a sample is a big question mark. Do we sample out of the truck, plant or paver hopper? We realize we can't sample this material behind the paver. The Hopper is close to the final product. Koch was going to make recommendations for the proper sampling procedure. It was mentioned that the Price District has 170,000 square yards of material to go down starting next Monday (September 22). Many of us plan to visit the project to see the placement of the material.
3. **OGSC Pool Fund Study** - Murari Pradhan, Mohammed volunteered to provide the aggregate if UDOT pays for the transportation or shipping costs.
4. **Manual 8 Section 960 Guidelines for Superpave Volumetric Mix Design, (review of recent changes)** - Murari, The field verification discussion centered around the time limit to get the plant up and running. A two hour limit is long enough to get an idea of what is being produced. At this point the plant can shut down for the first day if the test results are out of specification or not verifying with the mix design data. It was stressed that this is a maximum time limit and not a minimum.
5. **Four Corners Meeting, Topics of Interest** - Howard Anderson, We talked about Colorado's experience with aggregate segregation. They believe it is paver caused and they produced a report to document their study. Those who want a copy can contact CDOT for one. ADOT talked about their noise experience in the metropolitan Phoenix area. They are using an asphalt rubber modified thin lift asphalt layer to cover their PCC Interstate pavements to reduce the noise. There was some discussion on the infrared camera and its value in checking an HMA mat for temperature segregation. A 25 degree difference in pavement temperature can result in an increase in 2 percent air voids. Washington State has led in the development of this technology. Colorado is purchasing one of the cameras. There was also some discussion on acid modification and how the different states are concerned with it.

6. **Other Items -**
7. **Next Meeting date -** November 19, 2003. We decided to cancel our October 15th meeting because of the conflict with the Rocky Mountain Asphalt User Producer Group Meeting in Denver Colorado that some of us had to attend.

TO :

Abdi Fatemi	Granite Construction
Dario Alvarez	Pioneer Oil Co.
Scott Andrus	Region 3 Materials
Wade Betenson	Atser
Tim Biel	Materials Division
Tim Bochnowski	Holcim Cement Co.
Doyt Bolling	Utah Technology Transfer Center
Reid Brown	BMW Group Consultants
Lawrence Buss	Construction Division
John Butterfield	Region 2 Materials
Tom Case	Granite Construction Co.
Stephane Charmot	Koch Asphalt Co.
Bob Crunk	Holcim Cement Co.
Rob Duncan	Ash Grove Cement Company
Troy Dunsmore	QC Testing
Todd Emery	FHWA
Mike Forrest	Staker/Parson Paving Co.
Ave Forseth	Pioneer Oil Co.
Larry Gay	Region 4 Materials
Darrell Giannonatti	Construction and Materials Divisions
Jim Golding	Geneva Rock Co.
Spencer Guthrie	BYE Civil Engineering
Jerry Hall	Geneve Rock Co.
Craig Haskell	Region 3
James Hulse	Koch
Bruce Hutchinson	ICS
Joe Johnson	Geneva Rock Co.
Karen Kiggins	Heckett MultiServ
Todd Laker	Holcim Cement Co.
Bill Lawrence	Materials Division
Frank Mayfield	Staker/Parson Paving Co.
Fred McGregor	Granite Construction Co.
Mitzi McIntyre	ACPA
Steven Park	Region 2 Materials
Cameron Petersen	Materials Division
Troy Peterson	Materials Division
Murari Pradhan	Materials Division
Mohammad Rahman	GARCO Testing
Tim Rose	Region 2 Construction
Rodney Terry	Region 1 Materials
Rich Thorn	Utah AGC
Karl Verhaeren	Region 4 Construction
Glenn Waite	Western Rock Products
Douglas Watson	CMT
Chris Winkler	Trinidad Lake Asphalt
Grant Wiley	Region 3 Materials
Brooke Williams	Holcim Cement Co.
Mont Wilson	Granite Construction Co.
Scott Yates	Pioneer Oil Co.

AGENDA
Utah Pavement Council
Wednesday, November 19, 2003

1:00 PM UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

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| 1:00 - 1:10 | 1. | Welcome - Bill Lawrence
Summary: |
| 1:10 - 2:00 | 2. | To Be Determined (TBD)
Summary: |
| 2:00 - 2:30 | 3. | TBD
Summary: |
| 2:30 - 2:45 | | Break |
| 2:45 - 3:15 | 4. | TBD
Summary: |
| 3:15 - 3:45 | 5. | TBD
Summary: |
| 3:45 - 4:25 | 6. | Other Items:
Summary: |
| 4:25 - 4:30 | 7. | Next meeting date. |